



THREE RIVERS LEVEE IMPROVEMENT AUTHORITY

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Project Status Report dated August 3, 2007

(Submitted to The Reclamation Board for the August 17, 2007, meeting)

A progress report of the various phases of the Three Rivers Levee Improvement Authority (TRLIA) project is provided in the followings sections of this document. Updates are indicated with italics and underline.

1. Levee Design and Construction Work:

a. **Phase 2 Levee Repair - Bear River Station 131 and easterly, Western Pacific Interceptor Canal and Yuba River from just east of Highway 70 to the Union Pacific Railroad:**

- 1) The State Reclamation Board staff is still processing the encroachment permit application for the Caltrans detention basin as approved at the February Reclamation Board meeting. There is no change to this item since the last TRLIA report.
- 2) TRLIA has committed to the Corp of Engineers that TRLIA and PG&E will remove a power pole within the seepage berm near Sta. 33+00 of the Yuba River. In the last week PG&E has notified TRLIA that the work is currently scheduled for September 18 after electrical demand has lessened. TRLIA will continue coordination with PG&E on this relocation and will observe the relocation to be certain that the seepage berm is not damaged and the hole from the removed power pole is backfilled appropriately.
- 3) TRLIA has committed to the Corps of Engineers to conduct a field investigation and properly abandon, if required, the CMP located under the WPIC levee near Sta. 264+60. This work is planed to be completed jointly by TRLIA and RD 784 as normal maintenance no later than November 1, 2007. Environmental clearances have been obtained to do this work. The work will be scheduled once right-of-entry requirements along the toe of the levee are negotiated with the landside landowner.

b. **Phase 3 Construction – Bear River Setback Levee between the Feather River Levee and the limit of Phase 2 Construction:**

- 1) Restoration plantings are being monitored and maintained.

c. Phase 4 – Yuba River Levee between the Union Pacific Railroad and the Goldfields:

- 1) TRLIA committed to the Corps of Engineers to install piezometers along the Phase 4 slurry wall in accordance with the recommendations contained in HDR's February 22, 2007 memo re: Evaluation of As-Built Conditions, Yuba River Cutoff Wall (Phase 4). Five piezometers will be installed. Initial design is underway and will be coordinated with the Corps of Engineers and the Reclamation Board staff. TRLIA will request an encroachment permit 18095 GM to do this work once the design is complete. The piezometers are to be installed no later than November 1, 2007.
- 2) Design on the erosion problem that exists just downstream of the Goldfields has been placed on hold until agreement on the water surface profiles along this reach of the levee can be reached with the Corps of Engineers. Erosion occurred in this area during the 1997 event.

d. Phase 4 – Feather River Levee between Bear and Yuba Rivers:

1) Segments 1, 2, and 3:

- a) An application for Prop 1E funding was submitted to DWR on 1 May 2007. TRLIA still awaits DWR announcement of its selections for 1E funding. The delay in receiving Prop 84 funding for land acquisition and Prop 1E funding for construction is impairing TRLIA's ability to make significant progress on repairing these reaches and is impacting TRLIA's ability to complete Segment 2 construction by the end of 2008.

2) Segment 1 & 3:

- a) Construction bids for TRLIA Segments 1 and 3 have been opened. Bids were below the Engineer's Estimate. TRLIA did award two "critical path" non construction items of work in July. These items are as follows:
 1. *Development of a mix design for the Soil-Cement-Bentonite Cutoff Wall.*
 2. *Purchase of pipe materials related to the Linda Wastewater Discharge Pipe Relocation.*

The encroachment permit for this work was approved at the June 8 special Reclamation Board meeting. TRLIA received the Federal 408 approval on 2 August 2007. The section 104 credit letter is expected in the next few days. On 7 August 2007 the TRLIA Board will consider awarding the contract for Segment 3. TRLIA plans on issuing an initial Notice to Proceed for \$2.6 million (combination of Landowner and TRLIA funding). As soon as TRLIA obtains some certainty regarding the State Budget and Proposition 1E grant, the remaining work on Segment 3 will proceed – hopefully this construction season. Segment 1 will be constructed in 2008.

- b) As reported in a past update the TRLIA Board has approved two Resolution of Necessities for the non-setback portion of the Feather River levee improvements.

3) Segment 2:

- a) Design and land acquisition for the setback levee continues. On 27 July 2007 TRLIA issued 60% design drawing and specifications to DWR, Corp of Engineers, and Reclamation Board Staff for review and comment. On 10 August 2007 TRLIA will conduct an onboard technical review of the plans and specification at which DWR, Corp of Engineers, and Reclamation Board staff have been invited to attend. Topics such as levee alignment and geotechnical information will be discussed and evaluated.
- b) On Jun 19, 2007 the TRLIA Board approved two Real Property Resolutions of Necessities.
- c) On August 7, 2007 the TRLIA Board will consider approving one more Resolution of Necessity.
- d) Since the last update TRLIA has reached agreement with one property owner on the terms to purchase their property.
- e) In order to achieve completion of this work by the end of 2008, TRLIA is scheduled to advertise construction on August 15, 2007, award the construction contract on September 25, 2007 and issue notice to proceed October 1, 2007. This schedule requires land acquisition be accomplished now. The delay in State Prop 1E/84 funding is impacting further land acquisition for segment 2.
- f) TRLIA has consulted with the Corps and State Reclamation Board staff and do not believe 408 approval is required until the existing levee is degraded in late 2008 or 2009.
- g) TRLIA has submitted an encroachment permit application to the State Reclamation Board staff for review. TRLIA and Reclamation Board Staff have agreed to present the encroachment permit for Segment 2 for action at the September 21, 2007 State Reclamation Board meeting.

2. Levee utility crossings to meet current Corps and State of California Criteria:

TRLIA continues to work on updating utility crossings as a condition of certification from the Corp of Engineers. The following actions continue to be taken: a) Additional information is being gathered from the utilities on pipe condition and strength, b) missing crossing markers at the utilities are being investigated and will be replaced as needed, c) the inverts of the pipes are being compared to the 200-year flood elevations and d) some levee potholing will occur at the Bear and WPIC to investigate possible abandoned utilities.

3. Funding Update:

- a. Three Rivers continues to await word on its Proposition 1E Early Implementation application for funding of the setback levee and the balance of Phase 4 Feather River levee improvements. While we understand that the Department of Water Resources has selected a dollar amount for an award to Three Rivers, we have been told that the award will not be made until a State budget has been approved. This delay is a significant challenge to our schedule. The state budget delay is causing us to have to re-evaluate our schedule. We are also making strides in obtaining rights of entry which allow us to move ahead with land access without significant current budget expenditures. Once the budget is finalized, and we receive confirmation of our Proposition 1E award, we will be in a better position to brief you on the schedule implications, if any, of the delay in State funding.

b. Recently TRLIA received a notice from our escrow company that three landowners withdrew from our program and withdrew their money (\$1.4 million) out of the escrow account that had been set up for the second capital call of \$9.1 million. The three withdrawing landowners have elected to no longer participate in the program as participating funding landowners. As a result of this action, we have contacted the County and instructed the County that these three landowners may not pull the residential or commercial building permits that would have been allocated as a result of these funds.

4. Building Permits Issued in Plumas Lake Specific Plan Area and North Arboga Study Area in 2007:

- a) The attached table and graph provides information related to residential building permits issued for the Plumas Lake Plan Area (PLSPA) and the North Arboga Study Area (NASA) within Yuba County in 2007.
- b) As shown in the table, a total of 310 building permits have so far been issued in 2007. 52 permits were issued in July 2007.

Plumas Lake Specific Plan Area and North Arboga Study Area - Building Permits Issued in 2007

Developer/Builder	Monthly Building Permits Issued for Plumas Lake and North Arboga Study Area														Total
	Jan-07		Feb-07		Mar-07		Apr-07		May-07		Jun-07		Jul-07		(By Builder)
KB Homes North Bay Cresleigh Homes Forecast Homes/K Hovnanian Homes by Towne/HBT Constr. Beazer Homes California Homes/Home Builders Cassano Kamilos Homes D.R. Horton/Western Pacific Other	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	Plumas	NASA	
	28	15	17	4	18	8	19	9							118
			5		9										14
															0
															0
															0
													7		7
															0
					4								32		36
	46	2	10		39					1	24		13	135	
Monthly Totals	89		38		78		28		0		25		52		310

Thru 7/31/07

Total Permits for 2007 Thus Far 310

Building Permits Issued in TRLIA Project Area

